

> d his

(FILE 'USPAT' ENTERED AT 17:51:16 ON 19 FEB 1998)

L1 85855 S DUPLICAT? OR REPLICAT?
L2 54880 S NODE# OR OBJECT# AND SCHEMA#
L3 137 S 707/10/CCLS
L4 103 S 707/102/CCLS
L5 1570 S OBJECT# (2A) TABLE#
L6 30537 S (REPLICAT? OR DUPLICAT?) AND OBJECT# AND (GROUP# OR TABL
E#)
L7 274 S (REPLICAT? OR DUPLICAT?) AND OBJECT# AND (GROUP# OR TABL
E#)
L8 0 S (REPLICAT? OR DUPLICAT?) (2A) (OBJECT# (2A) TABLE#)/TI
L9 1 S L3 AND L7
L10 2 S L4 AND L7

=> d 19 1

1. 5,555,375, Sep. 10, 1996, Method and apparatus for network computer systems management **group** administration; Ram Sudama, et al., 395/200.56; 364/DIG.1; **707/10** [IMAGE AVAILABLE]

=> d 110 1-2

1. 5,615,367, Mar. 25, 1997, System and methods including automatic linking of **tables** for improved relational database modeling with interface; John G. Bennett, et al., **707/102**; 345/326 [IMAGE AVAILABLE]

2. 5,553,218, Sep. 3, 1996, Graphical user interface for relating key index properties to database **table** columns; Shih-Gong Li, et al., **707/102** [IMAGE AVAILABLE]

=> d 110 1 bib,ab

US PAT NO: 5,615,367 [IMAGE AVAILABLE] L10: 1 of 2
DATE ISSUED: Mar. 25, 1997
TITLE: System and methods including automatic linking of
tables for improved relational database modeling
with interface
INVENTOR: John G. Bennett, San Mateo, CA
Perry A. Gee, Santa Cruz, CA
Charles E. Gayraud, Santa Cruz, CA
ASSIGNEE: Borland International, Inc., Scotts Valley, CA (U.S.
corp.)
APPL-NO: 08/067,202
DATE FILED: May 25, 1993
ART-UNIT: 237
PRIM-EXMR: Paul V. Kulik
LEGAL-REP: John A. Smart

US PAT NO: 5,615,367 [IMAGE AVAILABLE] L10: 1 of 2

ABSTRACT:

A system includes a relational database management system (RDBMS) having a data modeling component. A "data model" is a graphical presentation of the relationship between tables one may use in a design document. "Design documents" allow a user to customize how his or her data are presented, including presenting information in formats which are not tabular and including formats which link together different tables (so that information stored in separate tables appears to the user to come from one place). Methods are described for automatically linking tables to be placed in a data model by comparing unique keys (e.g., primary key or other unique identifier) of one table with indexes (or indexable fields) of another table. Based upon the comparison, the system automatically suggests an appropriate link (if any) for the tables.